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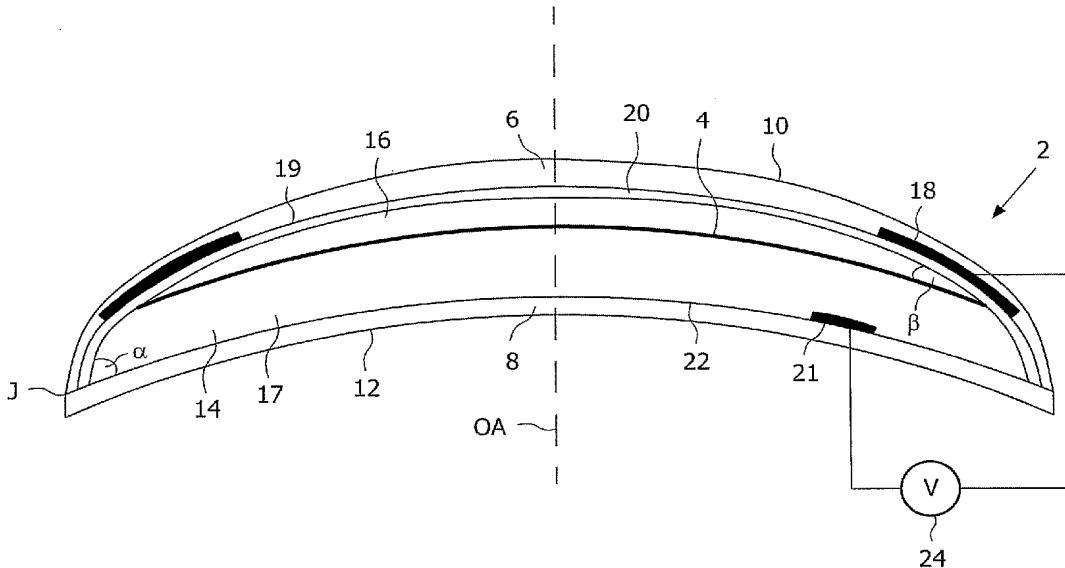
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(54) Title: VARIABLE FOCUS LENS



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(57) Abstract: A variable focus lens for an eye comprising a transparent rear wall, a transparent front wall, a cavity formed between the transparent front wall and the transparent rear wall, first and second immiscible fluids of differing refractive index contained within said cavity, and electrodes to which a voltage is able to be applied to change the curvature of a fluid meniscus between the two fluids. At least the rear wall of the lens includes a biocompatible material, which material provides for biocompatibility of the lens with the eye.



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